

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Robert Laun

Title: METHOD AND DEVICE FOR DETERMINING AN EXPECTANCY FOR A FILLING LEVEL ECHO AND A FALSE ECHO

Docket No.: 235.032US1

Filed: July 18, 2003

Examiner: Unknown

Customer No.: 21186

Serial No.: 10/622838

Due Date: October 18, 2003

Group Art Unit: Unknown

Confirmation No.:

MS Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

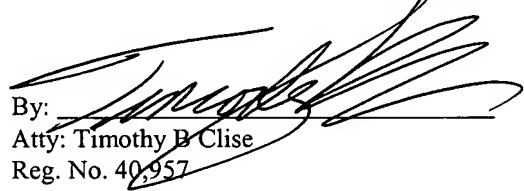
☒ A return postcard.

☒ An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 8 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

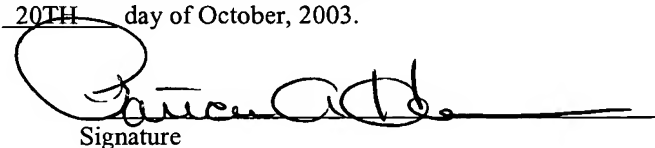
Customer Number 21186

By: 
Atty: Timothy B. Clise
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450, on this 20TH day of October, 2003.

PATRICIA A. HULTMAN

Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

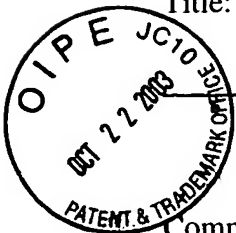
(GENERAL)

S/N 10/622,838

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Robert Laun	Examiner:	Unknown
Serial No.:	10/622,838	Group Art Unit:	Unknown
Filed:	July 18, 2003	Docket:	235.032US1
Title:	METHOD AND DEVICE FOR DETERMINING AN EXPECTANCY RANGE FOR A FILLING LEVEL ECHO AND A FALSE ECHO		



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Applicant herewith includes a copy of an Austrian Patent Office Search report for a corresponding patent application. This Search Report indicates that German language documents DE 42 23 346 C2 and DE 42 34 300 C2 are "A" category documents. MPEP 609 states that this category indication meets the requirements for a concise statement of relevance.

Applicant further informs the USPTO that U.S. Patent No. 5,587,969, copy enclosed, is part of the same patent family as EP 0 689 679, copy enclosed.

Enclosed is an English translation of the abstract for the Stand der Technik in der Signalverarbeitung (Echofoz), German document.

Applicant further informs the USPTO that DE 44 073 69 is in German and includes an English language abstract. Consideration of DE 44 073 69 under MPEP 609 is requested.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :10/622838

Filing Date: July 18, 2003

Title: METHOD AND DEVICE FOR DETERMINING AN EXPECTANCY RANGE FOR A FILLING LEVEL ECHO AND A FALSE ECHO

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ROBERT LAUN

By his Representatives,

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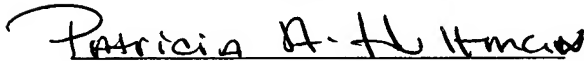
Date 20 Oct 2003

By 

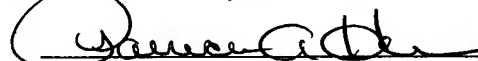
Timothy B Clise

Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of October, 2003.



Name



Signature

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>	Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/622,838</td> </tr> <tr> <td>Filing Date</td> <td>July 18, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Laun, Robert</td> </tr> <tr> <td>Group Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	Application Number	10/622,838	Filing Date	July 18, 2003	First Named Inventor	Laun, Robert	Group Art Unit	Unknown	Examiner Name	Unknown
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Filing Date	July 18, 2003										
First Named Inventor	Laun, Robert										
Group Art Unit	Unknown										
Examiner Name	Unknown										
Sheet 1 of 1	Attorney Docket No: 235.032US1										

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,587,969	12/24/1996	Kroemer, Nils	367	99	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	DE-4223346 /	01/20/1994	Raffalt, Felix			
	DE-4232300 /	04/14/1994	Fehrenbach, Josef			
	DE-4407369	09/14/1995	Griesbaum, Karl			
	EP-0 689 679	03/16/1993	Kroemer, Nils			

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Stand der Technik in der Signalverarbeitung (Echofox)", with German and , English Abstracts.	
		DEVINE, PETER , "Radar level measurement : the user's guide", <u>Burgess Hill : Vega Controls</u> , ISBN: 095389200X,(2000),47-75	
		SKOLNIK, MERRILL I., "Introduction to radar systems", <u>New York : McGraw-Hill</u> , 2nd Edition, ISBN: 0070579091,(1980),	

EXAMINER

DATE CONSIDERED